

What is claimed is:

1. A silver halide emulsion comprising a silver halide grain containing at least two metal complexes each giving an average electron releasing time of  $10^{-5}$  to 3  
5 seconds,

wherein two of said at least two metal complexes are a first metal complex and a second metal complex having at least three times longer average electron releasing time than that of the first metal complex, and

10 the molar ratio of the amount of the first metal complex to that of the second metal complex is at least three times.

2. A silver halide emulsion comprising a silver  
15 halide grain containing at least two metal complexes each giving an average electron releasing time of  $10^{-5}$  to 3 seconds, said at least two metal complex each having at least one organic ligand,

wherein two of said at least two metal complexes are  
20 a first metal complex and a second metal complex having at least three times longer average electron releasing time than that of the first metal complex.

3. The silver halide emulsion as claimed in claim  
25 1, wherein among said at least two metal complexes, at

least one metal complex gives an average electron releasing time of  $10^{-5}$  to less than  $10^{-2}$  second and at least one metal complex gives an average electron releasing time of  $10^{-2}$  to 3 seconds.

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4. The silver halide emulsion as claimed in claim 2, wherein among said at least two metal complexes, at least one metal complex gives an average electron releasing time of  $10^{-5}$  to less than  $10^{-2}$  second and at least one metal  
10 complex gives an average electron releasing time of  $10^{-2}$  to 3 seconds.

5. A silver halide emulsion comprising a silver halide grain, the silver halide grain containing at least  
15 three metal complexes each giving an average electron releasing time of  $10^{-5}$  to 3 seconds.

6. The silver halide emulsion as claimed in claim 5, wherein two of said at least three complexes are a first  
20 metal complex and a second metal complex having at least two times longer average electron releasing time than that of the first metal complex.

7. The silver halide emulsion as claimed in claim  
25 5, wherein two of said at least three metal complexes are a

metal complex having a shorter average electron releasing time and a metal complex having a longer average electron releasing time, and the molar ratio of the amount of the metal complex having a shorter average electron releasing time to that of the metal complex having a longer average electron releasing time is at least two times.

8. The silver halide emulsion as claimed in claim 5, wherein among said at least three metal complexes, at least one metal complex gives an average electron releasing time of  $10^{-5}$  to less than  $10^{-3}$  seconds, at least one metal complex gives an average electron releasing time of  $10^{-3}$  to less than  $10^{-1}$  seconds, and at least one metal complex gives an average electron releasing time of  $10^{-1}$  to 3 seconds.

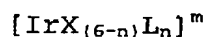
9. The silver halide emulsion as claimed in claim 1, wherein at least one metal complex in said at least two metal complexes has at least two kinds of ligands.

10. The silver halide emulsion as claimed in claim 2, wherein at least one metal complex in said at least two metal complexes has at least two kinds of ligands.

11. The silver halide emulsion as claimed in claim

5, wherein at least one metal complex in said at least three metal complexes has at least two kinds of ligands.

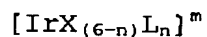
12. The silver halide emulsion as claimed in claim 1, wherein among said at least two metal complexes, at least one metal complex is selected from the metal complexes represented by the following formula (I):



wherein

10 X is a halogen ion or a pseudo-halogen ion,  
L is a ligand different from X,  
n is an integer of 1 to 6, and  
m is an integer of -4 to +4.

15 13. The silver halide emulsion as claimed in claim 2, wherein among said at least two metal complexes, at least one metal complex is selected from the metal complexes represented by the following formula (I):



20 wherein

X is a halogen ion or a pseudo-halogen ion,  
L is a ligand different from X,  
n is an integer of 1 to 6, and  
m is an integer of -4 to +4.

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14. The silver halide emulsion as claimed in claim 5, wherein among said at least three metal complexes, at least one metal complex is selected from the metal complexes represented by the following formula (I):



wherein

X is a halogen ion or a pseudo-halogen ion,

L is a ligand different from X,

n is an integer of 1 to 6, and

10 m is an integer of -4 to +4.

15 15. The silver halide emulsion as claimed in claim 1, wherein all of said at least two metal complexes are metal complexes each having at least two kinds of ligands.

16. The silver halide emulsion as claimed in claim 2, wherein all of said at least two metal complexes are metal complexes each having at least two kinds of ligands.

20 17. The silver halide emulsion as claimed in claim 5, wherein all of said at least three metal complexes are metal complexes each having at least two kinds of ligands.

25 18. A silver halide emulsion comprising a silver halide grain,

wherein the silver halide grain contains at least two inorganic compounds other than a metal ion, a halogen ion and a pseudo-halogen ion.

5           19. A silver halide emulsion comprising a silver halide grain,

          wherein the silver halide grain contains at least three organic compounds other than a pseudo-halogen ion.

10           20. A silver halide emulsion comprising a silver halide grain,

          wherein the silver halide grain contains: at least one organic compound; and at least one inorganic compound other than a metal ion, a halogen ion and a pseudo-halogen

15 ion, and

          the molar ratio of the amount of said at least one inorganic compound to that of said at least organic compound is at least three times.

20           21. The silver halide emulsion as claimed in claim 18, wherein the silver halide grain contains at least two inorganic compounds except for a metal ion, a halogen ion and a pseudo-halogen ion, each of said at least two inorganic compounds giving an average electron releasing  
25 time of  $10^{-5}$  to 3 seconds.

22. A silver halide emulsion comprising a silver halide grain,

wherein the silver halide grain contains at least two organic compounds except for a pseudo-halogen ion,

5 each of said at least two organic compounds gives an average electron releasing time of  $10^{-5}$  to 3 seconds, and

the ratio in the average electron releasing time between said at least two organic compounds is at least 3 times or more.

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23. The silver halide emulsion as claimed in claim 20, wherein the silver halide grain contains: at least one inorganic compound except for a metal ion, a halogen ion and a pseudo-halogen ion; and at least one organic compound

15 other than a pseudo-halogen ion,

each of said at least one inorganic compound gives an average electron releasing time of  $10^{-5}$  to 3 seconds, and

the molar ratio of the amount of said at least one inorganic compound to that of said at least one organic

20 compound is 3 times or more.

24. The silver halide emulsion as claimed in claim 21, wherein said at least two compounds include: at least one compound giving an average electron releasing time of

25  $10^{-5}$  to less than  $10^{-2}$  seconds; and at least one compound

giving an average electron releasing time of  $10^{-2}$  to 3 seconds.

25. The silver halide emulsion as claimed in claim 22, wherein said at least two compounds include: at least one compound giving an average electron releasing time of  $10^{-5}$  to less than  $10^{-2}$  seconds; and at least one compound giving an average electron releasing time of  $10^{-2}$  to 3 seconds.

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26. The silver halide emulsion as claimed in claim 23, wherein said at least one inorganic compound and said at least one organic compound include: at least one compound giving an average electron releasing time of  $10^{-5}$  to less than  $10^{-2}$  seconds; and at least one compound giving an average electron releasing time of  $10^{-2}$  to 3 seconds.

27. The silver halide emulsion as claimed in claim 19, wherein said organic compound is selected from 5- or 6-membered heterocyclic compounds.

28. The silver halide emulsion as claimed in claim 20, wherein said organic compound is selected from 5- or 6-membered heterocyclic compounds.

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29. The silver halide emulsion as claimed in claim 22, wherein said organic compound is selected from 5- or 6-membered heterocyclic compounds.

5 30. The silver halide emulsion as claimed in claim 1, which has a silver chloride content is from 95 to 99.8 mol%.

31. A silver halide color photographic light-  
10 sensitive material comprising a reflective support having thereon photographic constituent layers, the photographic constituent layers containing at least one yellow color-forming silver halide emulsion layer, at least one magenta color-forming silver halide emulsion layer and at least one  
15 cyan color-forming silver halide emulsion layer, wherein at least one of said silver halide emulsion layers contains the silver halide emulsion claimed in claim 1.

32. The silver halide color photographic light-  
20 sensitive material as claimed in claim 31, wherein when said silver halide color photographic light-sensitive material is exposed with light at a wavelength to which the silver halide emulsion layer containing the silver halide emulsion claimed in claim 1 is sensitive and then subjected  
25 to color development, the obtained reflection density

satisfies the relationship in the following formula:

$$DS_{0.1} - DS_{0.0001} \leq 0.3$$

wherein  $DS_{0.1}$  represents a reflection density at an exposure amount, in terms of illuminance,  $0.5 \log E$  larger than the exposure amount necessary for obtaining a reflection density of 0.7 when exposed for 0.1 second with light at a wavelength to which said silver halide emulsion layer is sensitive and then subjected to color development, and  $DS_{0.0001}$  represents a reflection density at an exposure amount, in terms of illuminance,  $0.5 \log E$  larger than the exposure amount necessary for obtaining a reflection density of 0.7 when exposed for 0.0001 second with light at a wavelength to which said silver halide emulsion layer is sensitive and then subjected to color development.

33. The silver halide color photographic light-sensitive material as claimed in claim 31, which is a silver halide color photographic light-sensitive material for rapid processing of starting the color development within 9 seconds from the imagewise exposure and thereby forming an image.

34. The silver halide color photographic light-sensitive material as claimed in claim 31, which is a silver halide color photographic light-sensitive material

for rapid processing of completing the color development in 28 seconds or less and thereby forming an image.

35. The silver halide color photographic light-sensitive material as claimed in claim 31, wherein the total coated silver amount in the photographic constituent layers is from 0.25 to 0.46 g/m<sup>2</sup>.